SING. GAZ.111



F.I.A. Recognition No. 1240

ROYAL AUTOMOBILE CLUB

PALL MALL, LONDON, S.W.I.

Federation Internationale de l'Automobile.

Form of Recognition in accordance with Appendix | to the International Sporting Code.

Manufacturer		SINGER	MOTORS	LIMITED					
Model	SINGER	GAZELLE	(SERIES	5)	Year of	Manufacture	1963		
Serial No. of		B 73							
Type of Coacl	hwork	FOUR DO	OR FOUR	LIGHT FO	UR SEATE	R SALOON			
Recognition is	s valid fro	mSE	PTEMBER	1963		In category	TOURING	7	
	le m	Novem coteur	uber q ue hiudrée E	doit .	ps bist	9/24 exceder	1600 erd	eu 3 1600	de

Photograph to be affixed here 3 view of car from front right.



Stamp of F.I.A./R.A.C. to be affixed here.

Dubut Chrond

Form: R.F.I.A.

General description of car:

Specify here material/s of chassis/body construction

Photographs to be affixed below.

 $\frac{3}{4}$ view of car from rear left.



Engine unit with accessories from right.



Front axle complete (without wheels).



Interior view of car through driver's door.



Engine unit with accessories from left.



Rear axle complete (without wheels).



2 No. per valve.... Downdraft 1 Carburettor: Type. No. fitted (up or down draft, horizontal) Zenith 32 VN Make. Model 27 Flange hole diameter 32 m.m. Choke diameter. m.m. Main jet identification No..... 3

Air filter:	Туре	Paper	Element
Inlet manifo	A CONTRACTOR OF THE PARTY OF TH	hole at c	arburettor

Diameter of flange hole at port.....

No. fitted

33.0

32.0



Photograph of combustion chamber to be affixed here.



Photograph of inlet manifold to be affixed here.



Exhaust manifold:

Diameter of flange ho	at port 27	m.m.m.
Diameter of flange ho	at connection to silencer inlet pipe	45.7 m.m.

Photograph of piston showing crown to be affixed here.



Photograph of exhaust manifold to be affixed here.



ENGINE ACCESSORIES

Make of fuel pump	A.C.		No. fitted	1
Method of operation				
Type of ignition system	Coil			coil or magneto
Make of ignition				
Method of advance and re	Centrifugal	and Vacui	ım	
Make of ignition coil				
No. of ignition coils				12
Make of dynamo			Model	C 40
Voltage of dynamo	12,		Maximum o	utput 22 amps.
Make of starter motor			Model	M 35 G
Battery: No. fitted	LVolta	ge12	. Capacity	38 amp. hour
Oil Cooler (if fitted) ty	/pe Radiat	or	. Capacity	2 pints

TRANSMISSION

			Type SINGLE DRY PLATE
Diameter of clutch plate	811		No. of plates 1
Method of operating clutch	Hydraulic	Foot Ope	erated.
Make of gearbox	Rootes		TypeConstant Mesh
No. of gearbox ratios	4 forward and	reverse	
			Control
Location of gearshift	Centre F	Loor Leve	er
Is overdrive fitted?			
Method of controlling over	drive, if fitted		

	GEARBO	X RATIOS	ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
l.	3.346	29 x 30 20 13						
2.	2.141	29 x 31 20 21					*	
3.	1.392	29 x 24 20 25						
4.	1.000	Direct						
Rev.	4.239	29 x 30	x 19					

	Type of final drive Hypoid			
	Type of differential Normal 2 Pinion	s and Sid	e Gears	
	Final drive ratio 3.89:1 Al			.86
	No. of teeth 35/9		37/10 38/9 40/9	34/7
	Overdrive ratio, if fitted			
WH	EELS			
	Type Disc Pressed Steel	Weight	5.76	kg.
	Method of attachment 4 - 7/16			
	Rim diameter 330.2 m.m.	Rim widt	h 116.2	m.m.m.
	Tyre size: Front 6 x 13	Rear	6 x 13	
BRA	KES N /A			
100	Method of operation Hydrau	lic		
A LE	le serve assistance fitted? No			
1	Type of servo, if fitted		0.7.1	
10	No. of hydraulic master cylinders	Bore	25•4	m.m.
1 :	and the second	5		

	Front	Rear
No. of wheel cylinders	Two per wheel	One per wheel
Bore of wheel cylinders	54 m.m.	19.1 m.m.
Inside diameter of brake drums	m.m.	228.6 m.m.
No. of shoes per brake		2
Outside diameter of brake discs	247.5 m.m.	m.m.
No. of pads per brake	2	
	shoe or pad (if all shoes or pads	in each brake are not of same
dimensions, specify each)	Front	Rear
Length	Available Volume m.m.	219 m.m.
Length	29.6 CM ³ m.m.	2.19 m.m.
Width	m.m.	44.5 m.m.
Total area per brake	6260 m.m.²	19,500 m.m.²
SUSPENSION	Front	Rear
	Independant Wishbone	Live Axle
Type	Coil	Semi Elliptic Leaf
Type of spring		
Is stabiliser fitted?	Yes Hydraulic Telescopic	No Hydraulic Telescopic
Type of shock absorber		2
No. of shock absorbers	64	
STEERING	Burman Recirculatin	g Ball
	10.25	
	from lock to lock $3\frac{1}{4}$	
CAPACITIES AND DIMENSION		/ 5 Ing Oil Filter
Fuel tank 33.0		4.5 Inc Oil Filter litres
Radiator 7.0		
Overall length of car	cm. Overall width o	f car 154 cm.
Overall height of car, unladen (with hood up, if appropriate)	cm.
Distance from floor to top of w		
	cm. Lowest point	103 cm.
Width of windscreen:		7.04
	m. Minimum width	108 cm.
*Interior width of car133		
No. of seats 4		700
Track: Front 1,31	cm. Rear	123 cm.
	cm. Ground clearance	
*(To be measured at the immediate re in a vertical plane of not less	than 25 cms.)	some of they
Overall weight with water, oil as	nd spare wheel, but without fuel	965 kgs.

VPE .

Ca.	Type of lubrication			•••••
TI.	Size of inlet port:			
100	Length measured around cy	linder wall		no mo
6.	Height	m.m.	Area	m.m.²
	Size of exhaust port:			
	Length measured around cyl	linder wall		m.m.
	Height	m.m.	Area	m.m.²
	Size of transfer port:			
		inder wall		m m
			Area	
	Size of piston port:			
		iston		
			Area	
			71100	
			ted	
			nt of inlet port	
			int of exhaust port	
			int of transfer port	
		Drawing of cylind		
		Drawing or cylind	er ports.	
Sun	ercharger, if fitted			
	Make	м	odel or Type No	
	Type of drive		Ratio of drive	
Fue	I injection, if fitted		4 4 4 4 2	
	Make of pump		Model or Type No	
	Make of injectors			
	Location of injectors			

Optional equipment affecting preceeding information:—

- 1. Petrol Tank Shield Available
- Export Suspension with Account Long Range Fuel Tank of 100 Litres Available Export Suspension with Aeon Rubbers Available.
- 4. Lightweight Competition Seats Available.



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Amendment to Form of Recognition

Singer Motors Limited. Manufacturer....

Singer Gazelle. (Series 5). Model....

> All synchromesh gearbox now fitted to this model as standard equipment.

Part No. 5220878.

Date amendment is valid from